

ABSTRACT OF THE DISCLOSURE

Headrest for a seat of a vehicle including a frame attachable to the seat and a fluid-containing bag attached to the frame. The bag allows movement of the fluid within the bag to thereby alter its shape and enable it to conform to the head and neck of an occupant. A deformable cover substantially surrounds the bag and is elastically deformable in response to changes in pressure in the bag. A protection system for protecting an occupant in an impact includes an anticipatory crash sensor for determining that a crash involving the vehicle is about to occur and a movable cushioning arrangement coupled to the anticipatory crash sensor. The cushioning arrangement is movable toward a likely position of the occupant, ideally into contact with the occupant, upon a determination by the anticipatory crash sensor that a crash involving the vehicle is about to occur. The cushioning arrangement includes a frame coupled to the vehicle and a fluid-containing bag attached to the frame. The bag allows movement of the fluid therewithin to thereby alter its shape and enable it bag to conform to the occupant.

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